

SECRET

DRAFT
NPIC/TP&DS:JWC:jem
16 August 1961

Declass Review by NGA.

MEMORANDUM FOR: Executive Director, NPIC

SUBJECT: Contract, FY-62

- 25X1
1. Section I. Scope of Work - OK as is.
 2. Assignment I - "Provide the professional services necessary and required to carry out the analysis to accomplish the objectives of systems requirements for the National Photographic Interpretation Center." Outstanding against this ^{ASSIGNMENT}~~task directive~~, and which should be continued for FY 1962, is Technical Directive No. 1, which calls for the provision of the necessary professional services to establish and develop the design criteria for ~~the~~ high capacity and high rate logical systems for a photographic intelligence center. This translates to mean the systems design effort currently under way by 25X1
 group.
 3. Assignment II - OK as is. There are currently two outstanding Technical Directives against this Assignment. Technical Directive No. 1 calls for a study of classified documents showing inter-relationships of the various departments and functions of the issuing office and the purpose of the contractor's presentation of the most efficient arrangement of these departments and functions through the means of diagrams and layouts. In addition to studying the classified documents, the contractor is also charged with surveying and inspecting the existing offices so that improvements can be made in the physical arrangement of the new offices in Technical Directive 25X1
No. 2 calls for the preparation of architectural-engineering work and preliminary plans for Three products should result from this Technical Directive:
- 5X1

SECRET

SECRET

a. The Scope of the Work for Architectural and Engineering Services

[REDACTED]

b. Preliminary Criteria Requirements for the Architect-Engineer's
Guidance for Architect-Engineer Work [REDACTED]

c. Schematic Architectural and Engineering Plans.

4. Assignment III - OK as is. There is one outstanding Technical Directive against this Assignment which calls for the design of a photo-chemical facility

[REDACTED]

5. Assignment IV - "The providing of professional services pertaining to the solution of problems in photo interpretation from an architectural-engineering standpoint." We have a current Technical Directive outstanding against the FY 1961 Assignment VI which was combined with FY 61's Assignment V as FY 1962's Assignment IV. It is my belief that this Technical Directive can be continued as is except that it will have to be renumbered for FY 1962. This calls for the provision of services of an advisor for the application of architectural and engineering techniques to photographic intelligence analysis. This Technical Directive presumably is the one Phil used to cover his work in support of STL.

6. We have currently in hand nine proposed Technical Directives which must either be covered by one of the FY 1962 Assignments or a new Assignment written to cover them if it is decided that these are indeed desirable and necessary. These are:

a. Technical Intelligence Follow-on for which I have a draft. This would fall under Assignment I.

b. Data Handling, suggested by [REDACTED], which would cover the entire data handling system except the scientific computation activities, and could also be covered under Assignment I.

SECRET

SECRET

c. Semi-automatic Film Handling. This covers a ☐ suggested film drying concept. If approved, this would be Technical Directive No. 2 under Assignment III.

25X1

d. Photographic Material Handling. This effort would result in the identification of a total system including facility, equipment, personnel and operating procedures to ensure the highest quality reproductions of photographic materials. If approved, this Technical Directive would be Technical Directive No. 3 under Assignment III.

e. Film Cleaning. This proposed Technical Directive suggests that a requirement for ultrasonic film cleaning, using Freon, be prepared and issued to industry for their proposals and bids. If desired, this Technical Directive would logically fit under Assignment III of the contract.

f. Special Aspects ☐ This Technical Directive would cover detailed requirements of the computer areas, instrument rooms, clean areas and photo lab which have not been specified. This Technical Directive would come under Assignment II.

25X1

g. Long Range Development Plan. It is suggested that ☐ work with the Technical Development Branch of the Technical Plans and Development Staff in the identification of program parameters to permit equipment development and new techniques in support of future programs for the coming five-year period. I believe that such an effort, if deemed advisable, would be covered by the broad scope of Assignment I.

25X1

h. Technical Intelligence Training Program. It is suggested that ☐ provide, in association with a recognized educational institution and under the guidance of TIB, a study plan for a course in photogrammetry and technical intelligence. I do not believe that, as the Assignment is presently written, such a Technical Directive would fit into the contract. This and the next proposed Technical Directive will probably have to be covered by an additional Assignment.

25X1

SECRET

SECRET

1. Photo Analysis Training Course. [] suggests that they should prepare a study plan for a course of instruction in photo analysis under the guidance of PAD/PAG and in association with a qualified human factors association. I believe that this course would not be covered by an existing Assignment.

25X1

7. [] recommendations on the proposed Technical Directives:

a. Technical Intelligence Follow-on. I suggest that Tad's group be instructed, with the guidance of [] to prepare this Technical Directive in staff study form since it appears to be an area in which [] could provide some assistance for us.

25X1

b. Data Handling. This appears to be a reasonable Technical Directive. With the guidance of [] and his staff, I believe that [] should re-prepare this in staff study form so that we can consider it for favorable recommendation.

25X1

25X1

c. Semi-automatic Film Handling. With advice from [] [] should submit this proposed Technical Directive in staff study form for possible favorable recommendation.

d. Photographic Material Handling. From my viewpoint, it seems that this suggested Technical Directive would have some valuable results if properly coordinated with our lab people. I suggest, again, that this one be re-submitted and closely tied to our photo lab people if it is decided to go ahead with it.

e. Film Cleaning. It would seem to me that such an effort need not be covered by a specific Technical Directive. First, we are already investigating ultrasonic film cleaning techniques on our own and, second, I think existing Technical Directives against Assignment III are broad enough to cover this.

SECRET

f. Special Aspects [] I don't see the requirements for 25X1
a specific Technical Directive as suggested here since the present Technical
Directives against Assignment II seem to be to be broad enough as they are.

25X1 g. Long Range Development Plan. I believe we could profitably use some
assistance from [] in mapping out a planning program but not in the terms
they suggested here. As proposed, they will require information for which
they probably will not be cleared which we feel we already have well in hand.
Possible guidance from a systems analysis group, whose prime business is mapping
out such programs, would be of benefit. I suggest that Tad be directed to re-
write this in proper context for consideration.

h and i. Training Programs. If [] has the proper staff to bring to 25X1
bear on this, I believe they could provide some very valuable assistance to
us here. We have been hitting around the edges of the training program for
several years without actually making any significant progress. Now that
we're faced with the augmentation of our Staff and the likelihood that trained
and experienced people are going to be difficult to recruit, I think that we
cannot start too soon on such an effort as proposed.

[]
Chief, TP & DS

25X1

cc: Operations Officer, NPIC

SECRET